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M. Bud Nelson

Name MB Nelson

Signature 04 August 2004

Date of Signature

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Mary K. Delmedico & John Dwyer

Application No. 10/664,021

Examiner:

Filed: 16 September 2003

Art Unit

For: HIV-derived HR1 peptides modified to form stable trimers, and their use in therapy to inhibit transmission of Human Immunodeficiency Virus

Commissioner for Patents  
Alexandria, VA

**Docket No. TRM-001**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**37 CFR 1.56 and 1.97(b)(3)**

Applicants wish to make of record the following reference under the provisions of 37 CFR 1.56 and 1.97(b)(3) and to provide a copy of relevant background with respect to the application. The submission of any document herewith is not intended as an admission that such document constitutes prior art against the claims of the present application, or is to be considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove any document as a cited reference against the claims of the present invention.

References Cited


Please see attached Form PTO-1449 for list of publications, legible copies of all publication listed are enclosed.

Statement of Relevancy

Non Patent Literature Documents

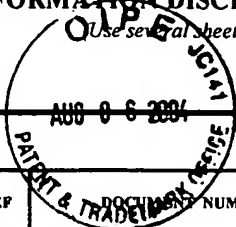
1. Lu et al. (*J. Virol.* 2001 75:11146-11156); and Liu et al. (*Biochemistry* 2001 40:2797-2807) disclose gp41 ectodomain proteins (N-terminal peptide-linker-C-terminal peptide) each with an amino acid substitution (alanine- Lu et al.; threonine- Liu et al.) in the N-terminal portion of the gp41 ectodomain protein.
2. Eckert and Kim (*PNAS* 2001 98:11187-11192) disclose GCN4-HIV N-terminal peptide fusion proteins.

Respectfully submitted,

  
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M. Bud Nelson  
Reg. No. 35,300  
Attorney for the Applicants

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

TRM-001

Application Number

10/664,021

Applicant(s)

Delmedico & Dwyer

Filing Date

09/16/2003

Group Art Unit

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

		Liu et al., "Structural and Functional Analysis of the HIV gp41 Core Containing an Ile573 to Thr Substitution..." Biochemistry, 2001, 40:2797-2807.
		Lu et al., "Structural and Functional Analysis of Interhelical Interactions of the Human Immunodeficiency Virus Type 1 gp 41 Envelope...."; J. Virology, 2001, 75:11146-11156.
		Eckert & Kim, "Design of potent inhibitors of HIV-1 entry from the gp41 N-peptide region"; PNAS, 2001, 98:11187-11192.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.